



Update_2_0_207

Clinical Reminders

**VA-COVID-19 UPDATE
Install Guide**

May 2021

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

DESCRIPTION:

The following updates/improvements are being made to VA-COVID-19 CPRS templates and banner.

1. VA-COVID-19 PREVENTIVE HEALTH INVENTORY update to include verbal consent clarification

Before:

☒ *Patient verbal consent obtained.

After:

☐ *Patient verbal consent for VA Video Connect visit obtained.

2. VA-COVID-19 PREVENTIVE HEALTH INVENTORY update to include COVID-19 VACCINE ACTIONS if no vaccine has been recorded

New section will display below scheduled appointments:

Next scheduled appointments:
No data available

COVID-19 VACCINE ACTIONS
[CDC Clinical Considerations for the Use of COVID-19 Vaccines in US](#)

Is the patient interested in the COVID-19 vaccination?

☐ Patient reports receiving vaccine.
☐ Yes: Patient is interested in COVID-19 Vaccine.
☐ No:Refused [Moving to COVID-19 Vaccine Acceptance](#)

If the patient has had the vaccine, it is available for display, the note will indicate the patient had a prior vaccination without the details:

Next scheduled appointments:
No data available

The patient has had a prior vaccination for COVID-19.

PCE IMMUNIZATIONS SELECT CHRON

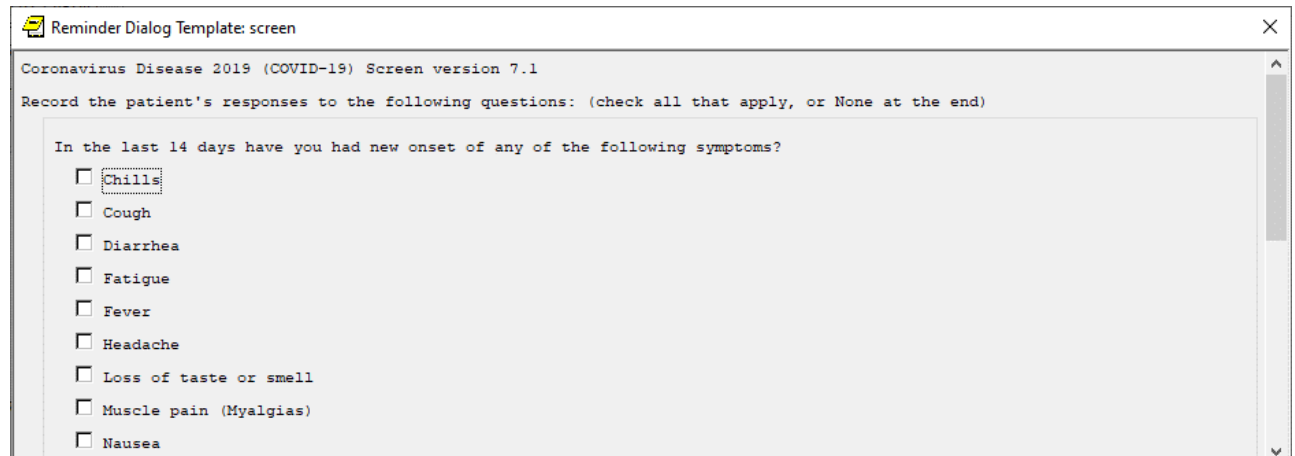
Immunization	Series	Date	Facility	Reaction Info
COVID-19 (MODERNA), MRNA, LNP-S,*	1	01/27/2021	SALT LAKE *	<C>

<C> See the Detailed Immunizations Health Summary Component[DIM] for Comments

BLACK BACKGROUND - NOT FOR

3. VA-SCREEN COVID update to include “Unable to Answer” option

Before:



Reminder Dialog Template: screen

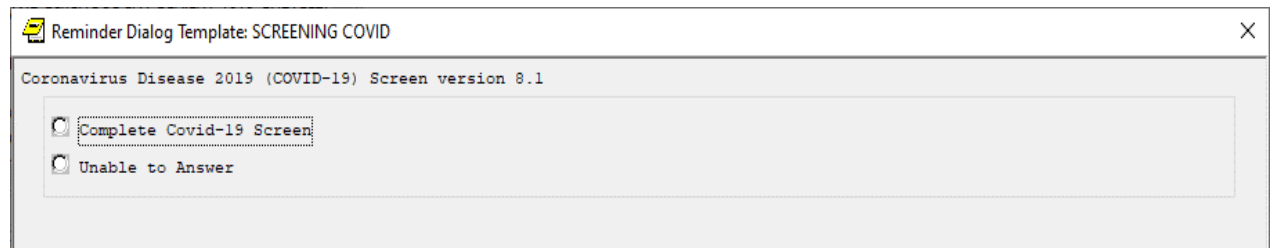
Coronavirus Disease 2019 (COVID-19) Screen version 7.1

Record the patient's responses to the following questions: (check all that apply, or None at the end)

In the last 14 days have you had new onset of any of the following symptoms?

- ☐ Chills
- ☐ Cough
- ☐ Diarrhea
- ☐ Fatigue
- ☐ Fever
- ☐ Headache
- ☐ Loss of taste or smell
- ☐ Muscle pain (Myalgias)
- ☐ Nausea

After:



Reminder Dialog Template: SCREENING COVID

Coronavirus Disease 2019 (COVID-19) Screen version 8.1

☒ Complete Covid-19 Screen

☐ Unable to Answer

4. Banner logic – update FF119 to allow comparison between lab PCR and outside negative PCR tests

Before:

FI(2)&(FI(16)!FI(19))&'((MRD(2)<MRD(4,5,6,7,9,10,11,14)))&(MRD(16,19)>MRD(2))

After:

FI(2)&(FI(16)!FI(19))&'((MRD(2)<MRD(1,4,5,6,7,9,10,11,14)))&(MRD(16,19)>MRD(2))

UPDATE_2_0_207 contains 1 Reminder Exchange entry:

UPDATE_2_0_207 VA-COVID-19 UPDATE

The exchange file contains the following components:

TIU TEMPLATE FIELD

VA-COVID ACCEPT

IM SARS COV-2 OUTSIDE WARNING2

VA-COVID CDC

HEALTH FACTORS

VA-REMINDER UPDATES
VA-UPDATE_2_0_207
IMMUNIZATION
VA-SARS-COV-2 VACCINE REFUSAL
VA-SARS-COV-2 VACCINE INTEREST
COVID-19 VERBAL REPORT COVID VACCINE
VA-TRAVEL SCREEN [C]
VA-COVID SCREEN NEGATIVE
VA-COVID SCREEN POSITIVE
VA-COVID-19 PRIOR DIAGNOSIS
VA-COVID-19
VA-COVID WAITING TEST RESULTS
VA-EXPOSURE TO COVID NO
VA-EXPOSURE TO COVID YES
VA-EXPOSURE TO FEVER/RESP ILL 14D
VA-COVID-19 NO SYMPTOMS
VA-SYMPTOM VOMITING
VA-SYMPTOM SORE THROAT
VA-SYMPTOM SHORTNESS OF BREATH
VA-SYMPTOM RUNNY NOSE
VA-SYMPTOM NAUSEA
VA-SYMPTOM MUSCLE PAIN
VA-SYMPTOM LOSS OF TASTE OR SMELL
VA-SYMPTOM HEADACHE
VA-SYMPTOM FEVER
VA-SYMPTOM FATIGUE
VA-SYMPTOM DIARRHEA
VA-SYMPTOM COUGH
VA-SYMPTOM CHILLS
VA-COVID-19 UNABLE TO ANSWER SCREEN
VA-COVID-19 UNK OUTSIDE LAB TEST POS
VA-COVID-19 NON PCR AG LAB OUTSIDE POS
VA-COVID-19 NO LONGER SUSPECTED
VA-COVID-19 INCORRECT PRIOR POSITIVE PCR
VA-COVID-19 RESOLVED
VA-COVID-19 SUSPECTED
VA-COVID-19 UNK OUTSIDE LAB TEST NEG
VA-COVID-19 NON PCR AG LAB OUTSIDE NEG
VA-COVID-19 OUTSIDE PCR SPEC COLLECTED
VA-COVID-19 PCR LAB OUTSIDE NEGATIVE
VA-COVID-19 PCR LAB OUTSIDE POSITIVE
VA-COVID-19 LAB OUTSIDE POSITIVE

REMINDER SPONSOR

NATIONAL CENTER FOR HEALTH PROMOTION AND DISEASE PREVENTION
(NCP)

REMINDER TAXONOMY

VA-COVID-19 SNOMED CODES

REMINDER TERM

VA-REMINDER UPDATE_2_0_207
VA-COVID-19 IMMUNIZATION BL
VA-COVID-19 AG LAB RESULTS POSITIVE HF
VA-COVID-19 AG LAB RESULTS POSITIVE
VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER
DISPLAY
VA-SARS-COV-2 VACCINES
VA-COVID-19 PROB LIST DX
VA-COVID-19 PCR LAB ORDERS
VA-COVID-19 CLINICAL INFO
VA-COVID-19 OUTSIDE RESULTS
VA-COVID-19 PRESUMED
VA-COVID-19 ANTIBODY LAB TEST
VA-COVID-19 PCR/AG LAB RESULTS
VA-COVID-19 NO LONGER PRESUMED
VA-COVID-19 INCORRECT PRIOR POSITIVE PCR RESULT
VA-COVID-19 PCR LAB RESULTS POSITIVE
VA-COVID-19 OUTSIDE PCR LAB POSITIVE
VA-COVID-19 OUTSIDE PCR SPECIMEN COLLECTED
VA-COVID-19 RECOVERED
VA-COVID-19 OUTSIDE PCR LAB NEGATIVE
VA-COVID-19 PCR LAB RESULTS NEGATIVE

REMINDER DEFINITION

VA-COVID-19 CPRS STATUS

HEALTH SUMMARY TYPE

SARS-COV-2 IMMUNIZATION
FUTURE CLINIC VISITS (ALL)

HEALTH SUMMARY OBJECTS

SARS-COV-2 IMMUNIZATION (TIU)
FUTURE CLINIC VISITS (TIU)

TIU DOCUMENT DEFINITION

SARS-COV-2 IMMUNIZATION
FUTURE CLINIC VISITS

REMINDER DIALOG

VA-GP COVID-19 UPDATE MAY 2021

VA-SCREEN COVID

Pre-Install

1. Using the Vista menu Reminder Dialog Manager, Reminder Dialog, change your view to GROUP and choose inquire/print for the reminder dialog group, VAL-COVID LOCAL GROUP.

Using the Vista menu Reminder Dialog Manager, Reminder Dialog, change your view to ELEMENT and choose inquire/print for the reminder dialog element VAL-COVID-19 PHI NEXT APPOINTMENT. Review the dialog text as you may have to add your local data object back post install.

Save this info for the post install, it will make adding information back post -install easier if your site has made local edits. Not all sites will have made local edits to these dialog groups.

2. Using the Vista menu, Reminder Term management, Term Inquiry, inquire and save the following reminder terms for reference post install. If you follow the install guide closely and skip the items if prompted to overwrite, your mapping should be preserved.
 - a. VA-COVID-19 PCR LAB RESULTS NEGATIVE
 - b. VA-COVID-19 PCR LAB RESULTS POSITIVE
 - c. VA-COVID-19 PCR LAB ORDERS
 - d. VA-COVID-19 PCR/AG LAB RESULTS
 - e. VA-COVID-19 ANTIBODY LAB TEST
 - f. VA-COVID-19 AG LAB RESULTS POSITIVE
 - g. VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER DISPLAY

Install Details

Installation:

=====

This update can be loaded with users on the system. Installation will take less than 5 minutes. You will need to allow additional time for the pre and post install steps.

This update is being distributed as a web host file. The address for the host file is:

https://REDACTED/UPDATE_2_0_207.PRD

The file will be installed using Reminder Exchange, programmer access is not required.

Install Example

To Load the Web Host File. Navigate to Reminder exchange in Vista

```
+      + Next Screen  - Prev Screen  ?? More Actions
CFE  Create Exchange File Entry      LHF  Load Host File
CHF  Create Host File                LMM  Load MailMan Message
CMM  Create MailMan Message          LR   List Reminder Definitions
DFE  Delete Exchange File Entry      LWH  Load Web Host File
IFE  Install Exchange File Entry      RI   Reminder Definition Inquiry
IH   Installation History             RP   Repack
Select Action: Next Screen// LWH    Load Web Host File
Input the URL for the .prd file: https://[REDACTED]/UPDATE_2_0_207.PRD
```

At the **Select Action:** prompt, enter **LWH** for Load Web Host File

At the **Input the url for the .prd file:** prompt, type the following web address:
https://REDACTED/UPDATE_2_0_207.PRD

You should see a message at the top of your screen that the file loaded successfully

```
https://[REDACTED]/UPDATE_2_0_207.PRD successfully loaded.
```

Search and locate an entry titled **UPDATE_2_0_207 VA-COVID-19 UPDATE** in reminder exchange.

+Item	Entry	Source	Date Packed
194	UPDATE_2_0_207 VA-COVID-19 UPDATE		05/11/2021@10:23
195	UPDATE_2_0_21 VA-BATTLEFIELD ACUPUNCTURE		04/18/2017@05:39
196	UPDATE_2_0_22 VA-GATEWAY TO HEALTHY LIVING		05/12/2017@09:36
197	UPDATE_2_0_23 VA-NALOXONE USE		08/18/2017@05:23
198	UPDATE_2_0_23 VA-NALOXONE USE		08/25/2017@06:21
199	UPDATE_2_0_23 VA-NALOXONE USE		10/13/2017@12:09
200	UPDATE_2_0_24 MISC UPDATE 3		05/08/2017@04:44

```
+      + Next Screen  - Prev Screen  ?? More Actions  >>>
CFE  Create Exchange File Entry      LHF  Load Host File
CHF  Create Host File                LMM  Load MailMan Message
CMM  Create MailMan Message          LR   List Reminder Definitions
DFE  Delete Exchange File Entry      LWH  Load Web Host File
IFE  Install Exchange File Entry      RI   Reminder Definition Inquiry
IH   Installation History             RP   Repack
Select Action: Next Screen// IFE    Install Exchange File Entry
Enter a list or range of numbers (1-445): 194
```

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry

Enter the number that corresponds with your entry **UPDATE_2_0_207 VA-COVID-19 UPDATE** (in this example it is entry 194 it will vary by site). The date of the exchange file should be 05/11/2021.

Component	Category	Exists
Source: [REDACTED]		
Date Packed: 05/11/2021@10:23:59		
Package Version: 2.0P46		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER DIALOG		
VA-SCREEN COVID		
VA-GP COVID-19 UPDATE MAY 2021		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_207		
REMINDER DEFINITION		
VA-COVID-19 CPRS STATUS		
+ Enter ?? for more actions >>>		
IA	Install all Components	IS Install Selected Component
Select Action: Next Screen// IA		

At the **Select Action** prompt, type **IA** for Install all Components and hit enter.

Select Action: Next Screen// **IA Install all Components**

You will see several prompts, for all new entries you will choose **I to Install**

*For components that already exists but the packed component is different (except the reminder definition), you will choose **S to Skip***

There is one exception, for the reminder definition **VA-COVID-19 CPRS STATUS** you should **overwrite**

REMINDER DEFINITION entry named **VA-COVID-19 CPRS STATUS** already exists but the packed component is different, what do you want to do?

Select one of the following:

- C Create a new entry by copying to a new name
- O Overwrite the current entry
- U Update
- Q Quit the install
- S Skip, do not install this entry

Enter response: **O// overwrite the current entry**

Are you sure you want to overwrite? N// **Y**

You will be prompted to install the FIRST reminder dialog component – You will choose to install all even though some components may have an X to indicate that they exist.

Packed reminder dialog: VA-GP COVID-19 UPDATE MAY 2021 [NATIONAL DIALOG]

Item	Seq.	Dialog Findings	Type	Exists
1		VA-GP COVID-19 UPDATE MAY 2021 Finding: *NONE*	group	
2	5	VA-TH VVC TELEPHONE TRIAGE LOCATION CONFIRMED CONSENT Finding: *NONE*	element	X
3	15	VA-COVID-19 CLC SCREEN RESULT Finding: *NONE*	group	X
4	15.5	VA-COVID-19 CLC SCREEN RESULT POSITIVE Finding: VA-COVID SCREEN POSITIVE (HEALTH FACTOR)	element	X
5		PXRM COMMENT	prompt	X
6		VA-COVID-19 CLC RN NOTIFIED	prompt	X
7		VA-COVID-19 CLC PROVIDER NOTIFIED	prompt	X
8	15.10	VA-COVID-19 CLC SCREEN RESULT NEGATIVE	element	X
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details	DT	Dialog Text	IS Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU Quit
DS	Dialog Summary	IA	Install All	
Select Action: Next Screen// IA				

At the **Select Action** prompt, type **IA** to install the dialog – **VA-GP COVID-19 UPDATE MAY 2021**

Select Action: Next Screen// **IA Install All**

Install reminder dialog and all components with no further changes: Y// **Yes**

Packed reminder dialog: VA-GP COVID-19 UPDATE MAY 2021 [NATIONAL DIALOG]

VA-GP COVID-19 UPDATE MAY 2021 (group) installed from exchange file.

Item	Seq.	Dialog Findings	Type	Exists
1		VA-GP COVID-19 UPDATE MAY 2021 Finding: *NONE*	group	X
2	5	VA-TH VVC TELEPHONE TRIAGE LOCATION CONFIRMED CONSENT Finding: *NONE*	element	X
3	15	VA-COVID-19 CLC SCREEN RESULT Finding: *NONE*	group	X
4	15.5	VA-COVID-19 CLC SCREEN RESULT POSITIVE Finding: VA-COVID SCREEN POSITIVE (HEALTH FACTOR)	element	X
5		PXRM COMMENT	prompt	X
6		VA-COVID-19 CLC RN NOTIFIED	prompt	X
7		VA-COVID-19 CLC PROVIDER NOTIFIED	prompt	X
8	15.10	VA-COVID-19 CLC SCREEN RESULT NEGATIVE	element	X
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details	DT	Dialog Text	IS Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU Quit
DS	Dialog Summary	IA	Install All	
Select Action: Next Screen// Q				

After completing this dialog install, you will type Q.

You will be prompted to install the next reminder dialog component – You will choose to install all even though some components may have an X to indicate that they exist.

Packed reminder dialog: VA-SCREEN COVID [NATIONAL DIALOG]

Item	Seq.	Dialog Findings	Type	Exists
1		VA-SCREEN COVID	dialog	X
2	5	VA-COVID SCREEN VERSION Finding: *NONE*	element	X
3	10	VA-GP TRAVEL SCREEN ALL OPTIONS Finding: *NONE*	group	
4	10.10	VA-GP COVID SCREEN COMPLETE Finding: *NONE*	group	
5	10.10.10	VA-GP COVID SYMPTOMS AND TRAVEL Finding: *NONE*	group	X
6	10.10.10.5	VA-GP COVID UPDATED SCREENING QUESTIONS Finding: *NONE*	group	X
7	10.10.10.5.5	VA-COVID SYMPTOM CHILLS Finding: VA-SYMPTOM CHILLS (HEALTH FACTOR)	element	X X
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details	DT	Dialog Text	IS Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU Quit
DS	Dialog Summary	IA	Install All	

Select Action: Next Screen// IA

At the **Select Action** prompt, type **IA** to install the dialog – **VA-SCREEN COVID**
 Select Action: Next Screen// **IA Install All**
 Install reminder dialog and all components with no further changes: Y// **Yes**

Packed reminder dialog: VA-SCREEN COVID [NATIONAL DIALOG]
 VA-SCREEN COVID (reminder dialog) installed from exchange file.

Item	Seq.	Dialog Findings	Type	Exists
1		VA-SCREEN COVID	dialog	X
2	5	VA-COVID SCREEN VERSION Finding: *NONE*	element	X
3	10	VA-GP TRAVEL SCREEN ALL OPTIONS Finding: *NONE*	group	X
4	10.10	VA-GP COVID SCREEN COMPLETE Finding: *NONE*	group	X
5	10.10.10	VA-GP COVID SYMPTOMS AND TRAVEL Finding: *NONE*	group	X
6	10.10.10.5	VA-GP COVID UPDATED SCREENING QUESTIONS Finding: *NONE*	group	X
7	10.10.10.5.5	VA-COVID SYMPTOM CHILLS Finding: VA-SYMPTOM CHILLS (HEALTH FACTOR)	element	X X
+ + Next Screen - Prev Screen ?? More Actions				
DD	Dialog Details	DT	Dialog Text	IS Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU Quit
DS	Dialog Summary	IA	Install All	

Select Action: Next Screen// Q

After completing this dialog install, you will type Q.

```
Component Category Exists
Source:
Date Packed: 05/11/2021@10:23:59
Package Version: 2.0P46

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-SCREEN COVID
  VA-GP COVID-19 UPDATE MAY 2021

REMINDER TERM
  VA-REMINDER UPDATE_2_0_207

REMINDER DEFINITION
  VA-COVID-19 CPRS STATUS

+      + Next Screen  - Prev Screen  ?? More Actions  >>>
IA  Install all Components      IS  Install Selected Component
Select Action: Next Screen// Q
```

You will then be returned to this screen. At the **Select Action** prompt, type **Q**.

At the end of installation, you may see one or more messages similar to the one below, no action is needed:

Changing pointers to category health factor IMMUNIZATION
to point to IMMUNIZATION [C] and deleting IMMUNIZATION

Install complete.

Post Installation

1. Open/review the COVID-19 Screen Template (VA-SCREEN COVID) and confirm the version is 8.1 and that you see the unable to screen option.
2. Open/review the VA-COVID-19 PREVENTIVE HEALTH INVENTORY and confirm the new immunization section displays after the scheduled appointment.
3. Add local content to reminder dialog groups and elements if needed. (Optional)

Review the pre-install for the reminder dialog group, VAL-COVID LOCAL GROUP and make any changes that are appropriate for your site

Review the pre-install dialog text in group VAL-COVID-19 PHI NEXT APPOINTMENT as you may have to add your local data object back to the dialog text.

4. **Review the following terms from the pre-install** and edit to add your local items if needed, if you followed the install guide closely during the installation and skipped the terms, no changes should be needed:

1. **VA-COVID-19 PCR LAB RESULTS NEGATIVE**

- This term should only contain lab test (LT) findings for COVID-19 PCR lab tests

2. **VA-COVID-19 PCR LAB RESULTS POSITIVE**

- This term should only contain lab test (LT) findings for COVID-19 PCR lab tests

3. **VA-COVID-19 PCR LAB ORDERS**

- This term should only contain orderable items (OI) findings for COVID-19 PCR lab test orderable items

4. **VA-COVID-19 PCR/AG LAB RESULTS**

- This term should only contain lab test (LT) findings for COVID-19 PCR and COVID-19 Antigen lab tests

5. **VA-COVID-19 ANTIBODY LAB TEST**

- This term should only contain lab test (LT) findings for COVID-19 ANTIBODY Tests

6. **VA-COVID-19 AG LAB RESULTS POSITIVE**

- This term should only contain local lab test (LT) findings for COVID-19 antigen tests

7. **VA-COVID-19 RELATED ORDERABLE ITEMS FOR BANNER DISPLAY**

- This term is optional for use and should contain only orderable Items (OI) findings.